

SEARCH REQUEST FORM**Scientific and Technical Information Center**

Requester's Full Name: Laura Stockton Examiner #: 172399 Date: 4/18/07
 Art Unit: 1626 Phone Number 308-1875 Serial Number: 09/078,218
 Mail Box and Bldg/Room Location: CM-1 307 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: 1,2-Diphenylpyrrole derivatives, their
preparation and their therapeutic uses

Inventors (please provide full names):

Tomio Kimura Yasuo Noguchi, Akira Nakano, Keisuke Suzuki
Lihiro Kawajima

Earliest Priority Filing Date: March 26, 1997 (JP priority 4/5/96)

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Masaaki Miyamoto

Litigation Search

U.S. Pat. 5,908,858



08/824,775

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>J. H. H. H.</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>217 4501</u>	AA Sequence (#) _____	Dialog <u>11.67</u>
Searcher Location: <u>Central File</u>	Structure (#) _____	Questel/Orbit <u>17.07</u>
Date Searcher Picked Up: <u>4/18/07</u>	Bibliographic _____	Dr. Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis <u>3.00, 50.00, 46.00</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>12.00</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>7.00</u>	Other _____	Other (specify) _____

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Selected file: CRXX

CRXX (CLAIMS Current Legal Status)
Legal Status actions current thru April 10, 2001 (2001-15/UP)
Reassignment data current as of February 2, 2001.
For info on technical content on this file, see: INFO CRXX

Selected file: PAST

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Information on technical content of this file, see INFO PAST

Selected file: LITA

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Covers 1970 thru weekly update (2001-15)
For technical content information : see INFO LITA
Selected cluster : FILES
Databases : LGST, CRXX, PAST, LITA

Search statement 2

?us5908858/pn

Term not in index/PN-LITA : US5908858

LGST	1
CRXX	1
PAST	2
LITA	0

** SS 2 : Results 4

Search statement 3

?prt max 1-4 nonstop

1/4 LGST (1/1) - (C) LEGSTAT
PN - US 5908858 [US5908858]
AP - US 824775/97 19970326 [1997US-0824775]
DT - US-P
ACT - 19970326 US/AE-A
APPLICATION DATA (PATENT)
{US 824775/97 19970326 [1997US-0824775]}
- 19970915 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
SANKYO COMPANY, LIMITED 5-1, NIHONBASHI HONCHO 3-CHOME, CHUO-KU TOKYO,
JAPAN * KIMURA, TOMIO : 19970324; NOGUCHI, YASUO : 19970324; NAKAO,
AKIRA : 19970324; SUZUKI, KEISUKE : 19970324; USHIYAMA, SHIG :
19970324;
- 19990601 US/A
PATENT

- 20001205 US/1
REISSUE APPLICATION FILED
20000929
- 20010306 US/RF
REISSUE APPLICATION FILED
20000929
UP - 2001-10

2/4 CRXX (1/1) - (C) CLAIMS/RRX
AN - 3153686
PN - 5,908,858 A 19990601 [US5908858]
PA - Sankyo Co Ltd JP
PT - C (Chemical)
ACT - 20000929 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001205
REISSUE REQUEST NUMBER: 09/678218
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1613

Reissue Patent Number:

- 20000929 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010306
REISSUE REQUEST NUMBER: 09/678218
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1613

Reissue Patent Number:

UP - 2000-49
UACT- 2001-03-06

3/4 PAST (1/2) - (C) PAST
AN - 200110-000923
PN - 5908858 A [US5908858]
DT - A (UTILITY)
OG - 2001-03-06
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

4/4 PAST (2/2) - (C) PAST
AN - 200049-001087
PN - 5908858 A [US5908858]
DT - A (UTILITY)
OG - 2000-12-05
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

Search statement 3

?..st

WELCOME TO LEXIS AND NIS.

LIBRARIES -- PAGE 1 of 3

Please TRANSMIT the NAME (only one) of the library you want to search.

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NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG
<-----General Legal-----<Publisher<--Public Records---<Financial<--News-->											
MEGA	1	2NDARY	2	LITGAT	2	DRI	2	ALLREC	4	LEXDOC	5
GENFED	1	ALR	2	LAWREV	3	MEALEY	2	ASSETS	4	LICNSE	5
STATES	1	ABA	2	MARHUB	3	ASPEN	2	DOCKET	4	LIENS	5
CODES	1	CAREER	2	LEXREF	3	PLI	2	FINDER	4	NON-US	5
CITES	1	CLE	3	HOTTOP	3			INCORP	4	P-PROP	5
LEGIS	1			FORMS	3			INSOLV	5	VERDCT	5
										WORLD	21

<-----Area of Law-----<Medical>											
ADVSOR	6	CONLAW	8	ENERGY	9	HEALTH	11	LABOR	11	PUBCON	12
ACCTG	8	CORP	9	ENVIRN	9	HR	10	LEXPAT	12	PUBHW	13
ADMIN	8	COPYRT	8	ESTATE	9	IMMIG	11	M&A	12	REALTY	13
ADMRTY	8	CRIME	9	ETHICS	10	INSURE	11	MILTRY	12	STSEC	13
ADR	8	CYBRLW	9	FAMILY	10	INTLAW	11	PATENT	12	STTAX	13
										TRDMRK	14
										EASY	6

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Please TRANSMIT the NAME of the file you want to search. To see a description of a file, type its page number and press the TRANSMIT key.

FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP
<---CASES & ADMINISTRATIVE DECISIONS--->					
IPOMNI	1	Int Prop Cases & Reg Matl	ALL	4	UTIL, DESIGN, PLANT, SIR,
PTOMNI	1	FEDCTS, PTO, ITC, ALLREG			REEXAM & REISS
CASES	1	FEDCTS, PTO & ITC	ALLPAT	4	Comb. ALL & INTPAT
FEDCTS	2	Patent cases from Fed. Cts.	<-----U.S. PATENTS----->		
CCPA	2	Ct Customs & Patent Appeals	UTIL	4	Full Text Patents from 1971*
CAFC	2	Patent cases from Fed. Cir.	DESIGN	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR	PLANT	4	Full Text Patents from 1976
<-----SECONDARY SOURCES----->					
IPLTR	5	Intell Prop Law Nwltrs			
IPLR	5	Intell Prop Law Rev Articles			

* Selected coverage 1/15/71 to 12/3/74

>>>

PATNO IS 5,908,858

Your search request has found 1 PATENT through Level 1.

>>>

LEVEL 1 - 1 OF 1 PATENT

<5,908,858>

Jun. 1, 1999

1,2-diphenylpyrrole derivatives, their preparation and their
therapeutic uses

REISSUE: Reissue Application filed Sep. 29, 2000 (O.G. Mar. 6, 2001) Ex. Gp.:
1613; Re. S.N. 09/678,218

Reissue Application filed Sep. 29, 2000 (O.G. Dec. 5, 2000) Ex. Gp.: 1613;
Re. S.N. 09/678,218

CORE TERMS: alpha, formula, pyrrole, carbon, delta, ppm, singlet, substituent,
mixture, doublet...

Please TRANSMIT the NAME of the file you want to search. To see a description of a file, type its page number and press the TRANSMIT key.

FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP
<---CASES & ADMINISTRATIVE DECISIONS-->					
IPOMNI	1	Int Prop Cases & Reg Matl	ALL	4	UTIL, DESIGN, PLANT, SIR, REEXAM & REISS
PTOMNI	1	FEDCTS, PTO, ITC, ALLREG	ALLPAT	4	Comb. ALL & INTPAT
CASES	1	FEDCTS, PTO & ITC	<-----U.S. PATENTS----->		
FEDCTS	2	Patent cases from Fed. Cts.	UTIL	4	Full Text Patents from 1971*
CCPA	2	Ct Customs & Patent Appeals	DESIGN	4	Full Text Patents from 1976
CAFC	2	Patent cases from Fed. Cir.	PLANT	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR			
<-----SECONDARY SOURCES----->					
IPLTR	5	Intell Prop Law Nwltrs			
IPLR	5	Intell Prop Law Rev Articles			

* Selected coverage 1/15/71 to 12/3/74

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PATNO IS 5,908,858

Your search request has found no CASES.

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FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

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<---CASES & ADMINISTRATIVE DECISIONS-->					
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PTOMNI	1	FEDCTS, PTO, ITC, ALLREG	ALLPAT	4	Comb. ALL & INTPAT
CASES	1	FEDCTS, PTO & ITC	<-----U.S. PATENTS----->		
FEDCTS	2	Patent cases from Fed. Cts.	UTIL	4	Full Text Patents from 1971*
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<-----SECONDARY SOURCES----->					
IPLTR	5	Intell Prop Law Nwltrs			
IPLR	5	Intell Prop Law Rev Articles			

* Selected coverage 1/15/71 to 12/3/74

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5,908,858 OR 5908858

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LEGIS	1			FORMS	3			INSOLV	5	VERDCT	5		
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ACCTG	8	CORP	9	ENVIRN	9	HR	10	LEXPAT	12	PUBHW	13	TORTS	14

ADMIN 8 COPYRT 8 I DATE 9 IMMIG 11 M&A 12 REAL 13 TRADE 14 MEDLNE 15
 ADMRTY 8 CRIME 9 ETHICS 10 INSURE 11 MILTRY 12 STSEC 13 TRANS 14 <-Helps->
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NAME	PG	DESCRIP	NAME	PG	DESCRIP	NAME	PG	DESCRIP
-----< T H E < N E W S L I B R A R Y >-----								
--<Full-Text Group Files>--			---<Full-Text By Type>---			-<Full Text By Region>-		
TODAY	1	Today's News	MAGS	3	Magazines	--<Papers & Wires>--		
90DAYS	1	Last 90 days	MAJPAP	3	Major Papers	NON-US	1	English Non-US
CURNWS	1	Last 2 years	NWLTRS	3	Newsletters	US	1	US News
ARCNEWS	1	Beyond 2 years	PAPERS	3	Newspapers	--<US Sources>--		
ALLNWS	1	All News Files	SCRIPT	3	Transcripts	MWEST	3	Midwest
			WEBPUB	3	Web Pubs	NEAST	3	Northeast
--<Group File Exclusions>--			WIRES	3	Wires	SEAST	3	Southeast
ALLABS	4	All Abstracts	-----<Hot Files>-----			WEST	3	West
NONENG	1	Non-English News	HOTTOP	2	Hot Topics *	-----<Assists>-----		

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5,908,858 OR 5908858

Your search request has found no STORIES.

DATE: APRIL 18, 2001

CLIENT: STOCKTON1

LIBRARY: NEWS

FILE: CURNWS

Your search request is:

5,908,858 OR 5908858

Number of STORIES found with your search request through:

LEVEL 1... 0

Welcome to DIALOG

? b345; s pn=us 5908858; t1/39/1; logoff

File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200114
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Set	Items	Description
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S1	1	PN=US 5908858

1/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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13638997

Basic Patent (No,Kind,Date): NO 9701564 A0 19970404 <No. of Patents: 017>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9716653	A1	19971009	AU 9716653	A	19970402
AU 710380	B2	19990916	AU 9716653	A	19970402
CA 2201812	AA	19971005	CA 2201812	A	19970404
CN 1168372	A	19971224	CN 97113404	A	19970405
EP 799823	A1	19971008	EP 97302245	A	19970402
HU 9700709	AB	19990528	HU 979700709	A	19970404
HU 9700709	A0	19970528	HU 979700709	A	19970404
IL 120584	A0	19970814	IL 120584	A	19970401
JP 9323971	A2	19971216	JP 9786889	A	19970404
JP 3034819	B2	20000417	JP 9786889	A	19970404
NO 9701564	A	19971006	NO 971564	A	19970404
NO 9701564	A0	19970404	NO 971564	A	19970404 (BASIC)
NO 308736	B1	20001023	NO 971564	A	19970404
NZ 314508	A	19990629	NZ 314508	A	19970402
US 5908858	A	19990601	US 824775	A	19970326
CZ 9701035	A3	19971015	CZ 971035	A	19970404
RU 2125044	C1	19990120	RU 97105191	A	19970404

Priority Data (No,Kind,Date):

JP 9683562 A 19960405
JP 9786889 A 19970404

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9716653 A1 19971009

1,2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
THERAPEUTIC USES (English)

Patent Assignee: SANKYO CO

Author (Inventor): KIMURA TOMIO; NOGUCHI YASUO; NAKAO AKIRA; SUZUKI
KEISUKE; USHIYAMA SHIGERU; KAWARA AKIHIRO; MIYAMOTO MASAACKI

Priority (No,Kind,Date): JP 9683562 A 19960405

Applic (No,Kind,Date): AU 9716653 A 19970402

IPC: * C07D-207/333; C07D-207/34; C07D-207/33; C07D-207/325;
C07D-405/10; C07D-405/12; A61K-031/40

Language of Document: English

Patent (No,Kind,Date): AU 710380 B2 19990916

1,2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
THERAPEUTIC USES (English)

Patent Assignee: SANKYO CO

Author (Inventor): KIMURA TOMIO; NOGUCHI YASUO; NAKAO AKIRA; SUZUKI
KEISUKE; USHIYAMA SHIGERU; KAWARA AKIHIRO; MIYAMOTO MASAACKI

Priority (No,Kind,Date): JP 9683562 A 19960405

Applic (No,Kind,Date): AU 9716653 A 19970402

IPC: * C07D-207/333; C07D-207/34; C07D-207/33; C07D-207/325;
C07D-405/10; C07D-405/12; A61K-031/40

CA Abstract No: * 127(24)331392E

Derwent WPI Acc No: * C 97-482634

Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2201812 AA 19971005
1,2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
THERAPEUTIC USES (English; French)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): NOGUCHI YASUO (JP); NAKAO AKIRA (JP); MIYAMOTO
MASAAKI (JP); KAWARA AKIHIRO (JP); USHIYAMA SHIGERU (JP); KIMURA
TOMIO (JP); SUZUKI KEISUKE (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): CA 2201812 A 19970404
IPC: * C07D-207/30; C07D-405/02; A61K-031/40
Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1168372 A 19971224
1, 2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
THERAPEUTIC USES (English)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
AKIRA (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): CN 97113404 A 19970405
IPC: * C07D-207/32; C07D-207/325; C07D-207/333; A61K-031/40
CA Abstract No: * 127(24)331392E
Derwent WPI Acc No: * C 97-482634
Language of Document: Chinese

CZECH REPUBLIC (CZ)

Patent (No,Kind,Date): CZ 9701035 A3 19971015
DERIVATIVES OF 1,2-DIPHENYLPYRROLE, PROCESS OF THEIR PREPARATION AND
USE FOR THERAPY (Czech; English)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
AKIRA (JP); SUZUKI KEISUKE (JP); USHIYAMA SHIGERU (JP); KAWARA
AKIHIRO (JP); MIYAMOTO MASAAKI (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): CZ 971035 A 19970404
IPC: * C07D-207/333; A61K-031/40
CA Abstract No: * 127(24)331392E
Derwent WPI Acc No: * C 97-482634
Language of Document: Czech; Slovak

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 799823 A1 19971008
1,2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
THERAPEUTIC USES (English; French; German)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
AKIRA (JP); SUZUKI KEISUKE (JP); USHIYAMA SHIGERU (JP); KAWARA
AKIHIRO (JP); MIYAMOTO MASAAKI (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): EP 97302245 A 19970402
Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE
IPC: * C07D-207/32; A61K-031/40
CA Abstract No: ; 127(24)331392E
Derwent WPI Acc No: ; C 97-482634
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):
EP 799823 P 19960405 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))
JP 9683562 A 19960405
EP 799823 P 19970402 EP AE EP-APPLICATION

(EUROPAEISCHE ANMELDUNG)
 EP 97302245 A 19970402
 EP 799823 P 19971008 EP AK. DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITH SEARCH REPORT:
 (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)
 AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
 NL PT SE
 EP 799823 P 19971008 EP A1 PUBLICATION OF APPLICATION
 WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG MIT RECHERCHENBERICHT)
 EP 799823 P 19980527 EP 17P REQUEST FOR EXAMINATION
 FILED (PRUEFUNGSANTRAG GESTELLT)
 980327
 EP 799823 P 19990915 EP 17Q FIRST EXAMINATION REPORT
 (ERSTER PRUEFUNGSBESCHEID)
 19990802

HUNGARY (HU)

Patent (No,Kind,Date): HU 9700709 AB 19990528
 1,2-DIPHENYLPYRROLE DERIVATIVES, USE THEREOF AND PHARMACEUTICAL
 COMPOSITIONS CONTAINING THESE COMPOUNDS (English)
 Patent Assignee: SANKYO CO (JP)
 Author (Inventor): KAWARA AKIHIRO (JP); KIMURA TOMIO (JP); MIYAMOTO
 MASAKI (JP); NAKAO AKIRA (JP); NOGUCHI YASUO (JP); SUZUKI KEISUKE
 (JP); USHIYAMA SHIGERU (JP)
 Priority (No,Kind,Date): JP 9683562 A 19960405
 Applic (No,Kind,Date): HU 979700709 A 19970404
 IPC: * C07D-207/32; A61K-031/40
 CA Abstract No: * 127(24)331392E
 Derwent WPI Acc No: * C 97-482634
 Language of Document: Hungarian
 Patent (No,Kind,Date): HU 9700709 AO 19970528
 1,2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
 THERAPEUTIC USES (English)
 Patent Assignee: SANKYO CO (JP)
 Author (Inventor): KAWARA AKIHIRO (JP); KIMURA TOMIO (JP); MIYAMOTO
 MASAKI (JP); NAKAO AKIRA (JP); NOGUCHI YASUO (JP); SUZUKI KEISUKE
 (JP); USHIYAMA SHIGERU (JP)
 Priority (No,Kind,Date): JP 9683562 A 19960405
 Applic (No,Kind,Date): HU 979700709 A 19970404
 CA Abstract No: * 127(24)331392E
 Derwent WPI Acc No: * C 97-482634
 Language of Document: Hungarian

ISRAEL (IL)

Patent (No,Kind,Date): IL 120584 AO 19970814
 1,2-DIPHENYLPYRROLE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS
 CONTAINING THE SAME (English)
 Patent Assignee: SANKYO CO
 Priority (No,Kind,Date): JP 9683562 A 19960405
 Applic (No,Kind,Date): IL 120584 A 19970401
 IPC: * C07D
 CA Abstract No: * 127(24)331392E
 Derwent WPI Acc No: * C 97-482634
 Language of Document: English

JAPAN (JP)

Patent (No,Kind,Date): JP 9323971 A2 19971216
 1,2-DIPHENYLPYRROLE DERIVATIVE AND MEDICINAL COMPOSITION (English)
 Patent Assignee: SANKYO CO
 Author (Inventor): KIMURA TOMIO; NOGUCHI YASUO; NAKAO AKIRA; SUZUKI
 KEISUKE; USHIYAMA SHIGERU; KAWAHARA AKIHIRO; MIYAMOTO MASAOKI
 Priority (No,Kind,Date): JP 9786889 A 19970404; JP 9683562 A
 19960405
 Applic (No,Kind,Date): JP 9786889 A 19970404
 IPC: * C07D-207/325; A61K-031/40; C07D-207/33; C07D-207/333;

C07D-207/34; C07D 5/04
CA Abstract No: * 127(24)331392E
Derwent WPI Acc No: * C 97-482634
Language of Document: Japanese
Patent (No,Kind,Date): JP 3034819 B2 20000417
Patent Assignee: SANKYO CO
Author (Inventor): KIMURA TOMIO; NOGUCHI YASUO; NAKAO AKIRA; SUZUKI
KEISUKE; USHAMA SHIGERU; KAWAHARA AKIHIRO; MYAMOTO MASAACKI
Priority (No,Kind,Date): JP 9786889 A 19970404; JP 9683562 A
19960405
Applic (No,Kind,Date): JP 9786889 A 19970404
IPC: * C07D-207/325; A61K-031/40; A61P-019/08; A61P-029/00;
A61P-037/08; A61P-043/00; C07D-207/33; C07D-207/333; C07D-207/34;
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Language of Document: Japanese

NORWAY (NO)

Patent (No,Kind,Date): NO 9701564 A 19971006
1,2-DIFENYLPYRROLDERIVATER, DERES FREMSTILLING OG DERES TERAPEUTISKE
BRUK (Norwegian)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
AKIRA (JP); SUZUKI KEISUKE (JP); USHIYAMA SHIGERU (JP); KAWARA
AKIHIRO (JP); MIYAMOTO MASAACKI (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): NO 971564 A 19970404
IPC: * C07D-207/08; A61K-031/40
Language of Document: Norwegian
Patent (No,Kind,Date): NO 9701564 A0 19970404
1,2-DIFENYLPYRROLDERIVATER, DERES FREMSTILLING OG TERAPEUTISKE BRUK
(Norwegian)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
AKIRA (JP); SUZUKI KEISUKE (JP); USHIYAMA SHIGERU (JP); KAWARA
AKIHIRO (JP); MIYAMOTO MASAACKI (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): NO 971564 A 19970404
IPC: * C07D
Language of Document: Norwegian
Patent (No,Kind,Date): NO 308736 B1 20001023
1,2-DIFENYLPYRROLDERIVATER, FARMASOEYTISKE PREPARATER INNEHOLDENDE
DISSE, OG DERES ANVENDELSE (Norwegian)
Patent Assignee: SANKYO CO (JP)
Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
AKIRA (JP); SUZUKI KEISUKE (JP); USHIYAMA SHIGERU (JP); KAWARA
AKIHIRO (JP); MIYAMOTO MASAACKI (JP)
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): NO 971564 A 19970404
IPC: * C07D-207/08; A61K-031/40
CA Abstract No: * 127(24)331392E
Derwent WPI Acc No: * C 97-482634
Language of Document: Norwegian

NEW ZEALAND (NZ)

Patent (No,Kind,Date): NZ 314508 A 19990629
1,2-DIPHENYLPYRROLE DERIVATIVES, PREPARATION AND PHARMACEUTICAL
COMPOSITIONS (English)
Patent Assignee: SANKYO CO
Author (Inventor): KIMURA TOMIO; NOGUCHI YASUO; NAKAO AKIRA; SUZUKI
KEISUKE; USHIYAMA SHIGERU; KAWARA AKIHIRO; MIYAMOTO MASAACKI
Priority (No,Kind,Date): JP 9683562 A 19960405
Applic (No,Kind,Date): NZ 314508 A 19970402
IPC: * C07D-207/32; C07D-405/12; A61K-031/40
CA Abstract No: * 127(24)331392E
Derwent WPI Acc No: * C 97-482634
Language of Document: English

RUSSIA (RU)

Patent (No,Kind,Date): RU 2125044 C1 19990120
 DERIVATIVES OF 1,2-DIPHENYLPYRROLE, PHARMACEUTICAL COMPOSITION
 (English)
 Patent Assignee: SANKYO CO (JP)
 Author (Inventor): TOMIO KIMURA (JP); JASUO NOGUTI (JP); AKIRA NAKAO
 (JP); KEJSUKE SUZUKI (JP); SIGERU USIJAMA (JP); AKIKHIRO KAVARA
 (JP); MASAACKI MIJAMOTO (JP)
 Priority (No,Kind,Date): JP 9683562 A 19960405
 Applic (No,Kind,Date): RU 97105191 A 19970404
 IPC: * C07D-207/333; C07D-207/323; C07D-207/36; A61K-031/40
 CA Abstract No: * 127(24)331392E
 Derwent WPI Acc No: * C 97-482634
 Language of Document: Russian

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5908858 A 19990601
 1,2-DIPHENYLPYRROLE DERIVATIVES, THEIR PREPARATION AND THEIR
 THERAPEUTIC USES (English)
 Patent Assignee: SANKYO CO (JP)
 Author (Inventor): KIMURA TOMIO (JP); NOGUCHI YASUO (JP); NAKAO
 AKIRA (JP); SUZUKI KEISUKE (JP); USHIYAMA SHIGERU (JP); KAWARA
 AKIHIRO (JP); MIYAMOTO MASAACKI (JP)
 Priority (No,Kind,Date): JP 9683562 A 19960405
 Applic (No,Kind,Date): US 824775 A 19970326
 National Class: * 514427000; 514422000; 548517000; 548526000;
 548562000; 548563000
 IPC: * A61K-031/40; C07D-207/333; C07D-207/335; C07D-207/337
 CA Abstract No: * 127(24)331392E
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 Language of Document: English

UNITED STATES OF AMERICA (US)

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 US 5908858 P 19960405 US AA PRIORITY (PATENT)
 JP 9683562 A 19960405
 US 5908858 P 19970326 US AE APPLICATION DATA (PATENT)
 (APPL. DATA (PATENT))
 US 824775 A 19970326
 US 5908858 P 19970915 US AS02 ASSIGNMENT OF ASSIGNOR'S
 INTEREST
 SANKYO COMPANY, LIMITED 5-1, NIHONBASHI
 HONCHO 3-CHOME, CHUO-KU TOKYO, JAPAN ;
 KIMURA, TOMIO : 19970324; NOGUCHI, YASUO :
 19970324; NAKAO, AKIRA : 19970324; SUZUKI,
 KEISUKE : 19970324; USHIYAMA, SHIG :
 19970324;
 US 5908858 P 19990601 US A PATENT
 US 5908858 P 20001205 US RF REISSUE APPLICATION FILED
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 US 5908858 P 20010306 US RF REISSUE APPLICATION FILED
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